

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match.
The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.
Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.o SEB “B2” Primary Cave Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: _____ ***Signature on File*** _____
 Collider-Accelerator Department Chairman Date

P. Ingrassia

SEB "B2" PRIMARY CAVE SWEEP CHECKLIST

(Team Leader) _____ Operator 2 _____

Time: _____ Date: _____

Warning:

If any personnel are encountered during the sweep, **then** they will remain with the sweeper or the sweep shall be aborted. **If** the sweep is aborted **then** the person(s) must be escorted out of the cave by unlocking and opening the "B2" Primary Cave Gate.

Prerequisites

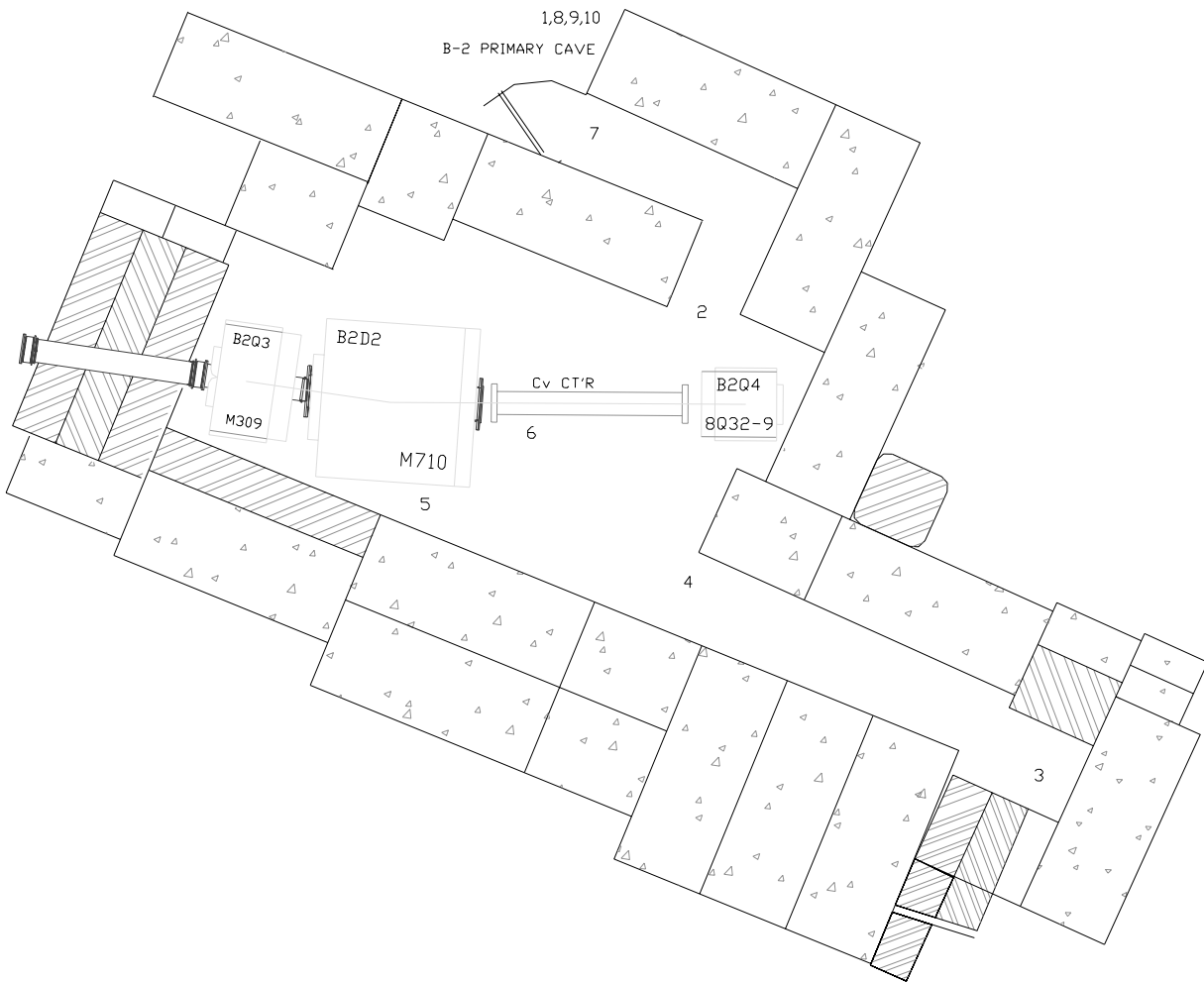
- Two Operators to perform the sweep
- BNL keys Nos. H693, 14
- C-A OPM-ATT. 4.56.o SEB "B2" PRIMARY CAVE SWEEP CHECKLIST (2 pages)
- Controlled Access enabled by simultaneous operation of H693 keyswitch & MCR_2-1Q2 push-button
- TLD, Chirping (Alarming) Dosimeter, and Pencil Type Self Reading Dosimeter (SRD)

Check

- _____ 1. Both Operators enter "B2" Primary Gate (BNL 14 key). The gate cannot be locked behind you.
- _____ 2. Operator 2 stands static watch at the point where labyrinth ends in B2 cave.
- _____ 3. Team Leader sweeps by crossing under the B2 beam line (beam right), proceed to the far wall, turn left ,and proceeding down stream to the cave extension that contains the target telescope scintillators for the B5 line.
- _____ 4. Team Leader sweeps upstream out of the cave extension to the portion of the cave containing the B2 line.
- _____ 5. Team Leader views behind B2Q3, the upstream most magnet.
- _____ 6. Team Leader sweeps downstream and crosses under (beam left) the B2 line downstream of B2D2.
- _____ 7. Team Leader and Operator 2 sweep through the B2 Primary Gate.
- _____ 8. Team Leader locks and resets (BNL 14 key) the "B2" Primary Gate.
- _____ 9. The following lights will be lit (check them off) on the gate reset station when the gate is reset:
 - Door Switch
 - Lock Switch
 - Crash Switch
 - Reset
 - Redundant Door Switch
- _____ 10. Verify with MCR that "B2" is reset for beam by viewing indicator at MCR_2-1Q8
- _____ 11. File the checklists in the Completed Sweep Checklist Binder.

SEE MAP, NEXT PAGE

C-A-OPM Attachment 4.56.o
SEB "B2" PRIMARY CAVE SWEEP CHECKLIST



Numbers refer to steps in the checklist